

IN THE SPECIFICATION:

Page 1, paragraph beginning on line 6, revise to read:

The present invention relates to a joining method for a frame of spectacles, and in more particular to a joining method for a frame of spectacles by which a member (e.g. bridge and/or temple) is joined to another part (e.g. lens rim) of the frame of spectacles.

Page 3, paragraph beginning on line 22, revise to read:

In order to solve the above-mentioned problems, it is an object of the present invention to provide a joining method for a frame of spectacles which is capable of easily joining a member (e.g. bridge and/or a temple) of shape memory alloy to a hollow member having hole (e.g. pipe) to be fixed at another part of the frame (e.g. lens rim) of spectacles using shape memory effect.

Page 4, paragraph beginning on line 1, revise to read:

In order to achieve the above-mentioned object, a joining method for a frame of spectacles in accordance with the present invention includes deforming a joining portion of a member made of a shape memory alloy material so as to be inserted into the hole of the hollow member (e.g. pipe) to be fixed at a lens rim for joining the member to the lens rim, and joining the joining portion of the member to the hollow member (e.g. pipe) to be fixed at another part of the frame (e.g. lens rim) by returning the deformed thickness of the joining portion of the member to the original thickness (i.e. shape) before the deformation after the member is inserted into the pipe.

Page 4, paragraph beginning on line 8, revise to read:

In order to achieve the above-mentioned object, a joining method for a frame of spectacles in accordance with the present invention includes inserting a joining portion of a member made of a shape memory alloy material and having an outer diameter same as or smaller than an inner diameter of a pipe into the pipe for joining the member to a lens rim, deforming the joining portion of the member and the pipe in order to reduce the size of the joining portion and the outer diameter of the pipe, and joining the joining portion of the member to the pipe by returning the joining portion of the member to an original shape before the deformation.

Page 6, paragraph beginning on line 15, revise to read:

After inserting the member 10 into the pipe 11, by the shape memory effect or the superelasticity effect, the diameter of the member 10 tends to return to the original shape (i.e. to the thicker diameter), however, a joining portion of the member 10 inserted into the pipe 11 can not be increased because of interferences with the inner surface of the pipe 11. For example, in a case using the shape memory effect, the member 10 returns to the original shape according to a rise of temperature not less than the transformation temperature, in a case using the superelasticity effect, the member 10 returns to the original shape as a certain time has passed. Accordingly, the member 10 and the pipe 11 are rightly contacted each other and strongly joined.

Page 10, paragraph beginning on line 11, revise to read:

Ten samples are produced by the method. In test results, each bridge is perfectly bonded to each lens rim without coming out or being twisted.

Page 10, paragraph beginning on line 22, revise to read:

Herein, the joining portion of the bridge is also processed so as to have the inner diameter of 1.00 mm. When a temperature rises, the bridge made of the shape memory alloy is

transformed into austenite and tries to return to the original shape, and the pipe maintains the deformed state. Accordingly, the joining portion of the bridge is perfectly bonded to the pipe.

Page 11, paragraph beginning on line 5, revise to read:

A joining portion of a bridge made of a NiTi material having a diameter of 1.04 mm is inserted into a pipe having an inner diameter of 1.04 mm. The pipe is processed in Austenite so as to have the inner diameter of 1.00 mm. Herein, the joining portion of the bridge is also processed so as to have a diameter of 1.00 mm. After a certain time has passed, the bridge made of the shape memory alloy having a superelasticity effect returns to the original shape, the pipe maintains the deformed state. Accordingly, the joining portion of the bridge is perfectly bonded to the pipe.